

IV. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of maintaining software on a computer system, comprising the steps of:

bringing up first and second host sessions on a computer system;

starting in said first host session, a software recording application having data on existing first maintenance items that have been previously applied to said computer system;

starting in said second host session, a database application having a database of known second maintenance items including prerequisite items and corequisite items corresponding to each of said known second maintenance items but not provided concurrently with said known second maintenance items;

activating a maintenance application on said computer system;

entering a first list of new third maintenance items in said maintenance application;

searching said database of known second maintenance items for records matching each of said new third maintenance items that have said prerequisite items and corequisite items ~~corresponding to each of said new third maintenance items on said first list~~; and adding said corresponding prerequisite items and corequisite items to said first list;

thereafter determining from said software recording application which items on said first list have already been received, and adding those items not received to an order list; and

ordering, receiving, and applying said items on said order list.

2. (Original) The method of claim 1, wherein said computer system is a mainframe.
3. (Original) The method of claim 1, wherein said computer system further comprises an operating system.
4. (Original) The method of claim 3, wherein said computer system further comprises network software.
5. (Original) The method of claim 1, wherein said software recording application tracks what software has been put on or taken off said computer system.
6. (Previously Presented) The method of claim 1, wherein said database application is Service Link.
7. (Original) The method of claim 1, wherein said receiving step further comprises storing said items on said order list in a file on said computer system.
8. (Original) The method of claim 1, wherein said applying step further comprises updating said software on said computer system with said items on said order list.

9. (Currently Amended) A system for maintaining software on a computer system, comprising:

means for bringing up first and second host sessions on a computer system;

a software recording application having data on existing first maintenance items previously applied to said computer system;

a database application having a database of known second maintenance items including prerequisite items and corequisite items corresponding to each of said known second maintenance items but not provided concurrently with said known second maintenance items;

a maintenance application having a first list of new third maintenance items, wherein the first list comprises a list of maintenance items needed to be applied to said computer system;

means for searching said database of known second maintenance items for records matching each of said new third maintenance items that have said prerequisite items and corequisite items corresponding to each of said third maintenance items on said first list, and adding said corresponding prerequisite items and corequisite items to said first list;

means for thereafter determining from said software recording application which items on said first list have already been received, and adding those items not received to an order list; and

means for ordering, receiving, and applying said items on said order list.

10. (Original) The system of claim 9, wherein said computer system is a mainframe.

11. (Original) The system of claim 9, wherein said computer system further comprises an operating system.

12. (Original) The system of claim 9, wherein said computer system further comprises network software.

13. (Original) The system of claim 9, wherein said recording application tracks what software has been put on or taken off said computer system.

14. (Previously Presented) The system of claim 9, wherein said database application is Service Link.

15. (Original) The system of claim 9, further comprising means for storing said items on said order list in a file on said computer system.

16. (Original) The system of claim 9, further comprising means for updating said software on said computer system with said items on said order list.

17. (Currently Amended) A computer system for maintaining software, said system comprising:

means for bringing up first and second host sessions on a computer system;

means for starting in said first host session, a software recording application having data on existing first maintenance items previously applied to said computer system;

means for starting in said second host session, a database application having a database of known second maintenance items including prerequisite items and corequisite items corresponding to each of said known second maintenance items but not provided concurrently with said known second maintenance items;

means for activating a maintenance application on said computer system;

means for entering a first list of new third maintenance items in said maintenance application;

means for searching said database of known second maintenance items for records matching each of said new third maintenance items that have said prerequisite items and corequisite items ~~corresponding to each of said third maintenance items on said first list~~, and adding said corresponding prerequisite items and corequisite items to said first list;

means for thereafter determining from said software recording application which items on said first list have already been received, and adding those items not received to an order list; and

means for ordering, receiving, and applying said items on said order list.

18. (Currently Amended) A computer program product for instructing a processor to maintain software, said computer program product comprising:

a computer readable medium;

program instruction means for bringing up first and second host sessions on a computer system;

program instruction means for starting in said first host session, a software recording application having data on existing first maintenance items previously applied to said computer system;

program instruction means for starting in said second host session, a database application having a database of known second maintenance items including prerequisite items and corequisite items corresponding to each of said known second maintenance items but not provided concurrently with said known second maintenance items;

program instruction means for activating a maintenance application on said computer system;

program instruction means for entering a first list of new third maintenance items in said maintenance application;

program instruction means for searching said database of known second maintenance items for records matching each of said new third maintenance items that have said prerequisite items and corequisite items corresponding to each of said third maintenance items on said first list, and adding said corresponding prerequisite items and corequisite items to said first list;

program instruction means for thereafter determining from said software recording application which items on said first list have already been received, and adding those items not

received to an order list; and

program instruction means for ordering, receiving, and applying said items on said order list; and

wherein all said program instruction means are recorded on said medium.